

New Resources at the AFDC October/November 2000

National Conference Update:

- ◆ Check out the Web site for the latest news at <http://www.ccities.doe.gov/conference.shtml>. Information about making reservations at the conference hotel is posted. Get your reservations made if you haven't already done so. You can also register on-line now!

New on the Web:

- ◆ **Alternative Fuel News**
Volume 4, Issue 3 posted on the Web on 12/01/00 at <http://afdc3.nrel.gov/documents/altfuelnews/>
- ◆ **2001 State Energy Program Special Projects Grants Solicitation**
<http://www.ccities.doe.gov/pdfs/SEP2001final.pdf>. Applications are due at State's Regional DOE Office no later than February 23, 2001.
- ◆ **New HEV Web Site**
There's a new Hybrid Electric Vehicle Web site. Check it out at <http://www.ott.doe.gov/hev/>
- ◆ **FAA Low Emission Airport Vehicle Grant Program Announced**
Deadline for submissions February 9, 2001. Go to <http://faa.gov/arp/app600/600home.htm> look for the ILEAV link at the bottom of the page.
- ◆ **Enhanced Maps on the Alternative Fuel Refueling Station Locator**
<http://afdcmap.nrel.gov/nrel/> When you click on the index number in the station details below the map, a window will pop up to give you more details about that station. If you experience problems running the mapping application, empty your browser cache or reload/refresh the page.
- ◆ **EPA Emissions Site**
New Environmental Protection Agency (EPA) Web site helps consumers view emissions information for available vehicles. See <http://www.epa.gov/autoemissions>.
- ◆ **Fuel Cell Solicitation**
RFP has been issued for R&D and analysis projects for fuel cells, fuels for fuel cells and compression ignition, direct injection (CIDI) engines. See <http://www.doeal.gov/cpd/readroom.htm>
- ◆ **New York Emission Standards**
The state of New York recently passed legislation that creates vehicle-emission standards similar to the requirements that exist in California. These stricter standards will demand that 10 percent of all cars, light trucks, and sport/utility vehicles sold starting with the 2004-model year must emit little or no air pollution. To find out more about New York's new vehicle-emission standards go to http://www.fleet-central.com/af/passnews_c.cfm?rank=656.

New Documents Available:

- ◆ **Alternative Fuel Transit Buses DART's LNG Bus Fleet: Final Data Report** - Produced for DOE by NREL; contains data collected as part of this fleet evaluation. Available now in hard copy from the Hotline; available soon on the heavy vehicle Web site at

http://www.ctts.nrel.gov/heavy_vehicle/. The Final Results report for this study is at the printer and will be available in December.

- ♦ **Waste Management's LNG Truck Fleet Final Data Report** - Data collection report for fleet evaluation project. Available from the Hotline in hard copy. The Final Results report for this study is in draft form and should be available around the end of January.
- ♦ **2000-2001 Natural Gas Vehicle Purchasing Guide** - Once again a great publication from NGVC, available from NGVC Web site <http://www.ngvc.org/NGVpurguide20002001.pdf>
- ♦ Energy Policy Act of 1992 Section 505 **Second Report to Congress on Voluntary Commitments for the Replacement Fuel Supply and Demand Program**, available on the Web at <http://www.ccities.doe.gov/documents/EPAct505.html>. Summarizes Clean Cities Program activities since 1993. We've broken it into sections that are manageable to download.
- ♦ **Next Generation Natural Gas Vehicle Program** (NGNGV) tri-fold brochure produced for DOE that highlights the strategy of NGNGV Program for medium/heavy vehicles. Call the Hotline for a copy.
- ♦ **Office of Transportation Technologies Hybrid Electric Vehicle Fact Sheet.** <http://www.ott.doe.gov/oaat/hev.html#factsheets>. Ten fact sheets about hybrid technology.
- ♦ **A Recommended Permitting Guide for Compressed Natural Gas Fueling Stations**, <http://www.state.ma.us/doer/cng/cngguide.pdf>. Published by The Conference of Northeast Regional Fire Safety Officials for the states of Massachusetts, New York, Connecticut, and Rhode Island this guide focuses on standardized practices for the permitting of new compressed natural gas stations and the effort to streamline permitting practices without sacrificing details governing safety. A good reference document for other states looking to standardize permitting guidelines for CNG fueling stations.
- ♦ **Model Year 2001: Alternative Fuel Vehicles and Advanced Technology Vehicles Available or Nearing Completion -** http://www.afdc.doe.gov/pdfs/wModel_Year2001AFVs.pdf. Data gathered by NREL for inclusion in the Fleet Buyers Guide; available here as separate fact sheet.
- ♦ **AFV Reporting Guidance For State Government and Fuel Provider Fleets -** http://www.afdc.doe.gov/pdfs/rep_guid.pdf Guidance from DOE dated February 2000.
- ♦ **Partners for Cleaner Air: Clean Cities and Natural Gas Vehicles**, produced by NGVC, primer on natural gas and Clean Cities. Includes a payback worksheet. E-mail Kelly Batte kbatte@ngvc.org for a copy.
- ♦ **Realizing A Hydrogen Future -** <http://www.eren.doe.gov/hydrogen/pdfs/brochure.pdf>, produced by NREL for DOE. Reviews how hydrogen can be used in the future. Call the Hotline for a hard copy.
- ♦ **Model Year 2001 Fuel Economy Guide: EPA Fuel Economy Estimates** - not available in hardcopy yet, on the Web at <http://www.fueleconomy.gov>.
- ♦ **Rolling Smokestacks: Cleaning up America's Trucks and Buses** - from the Union of Concerned Scientists, at http://www.ucsusa.org/transportation/rolling_smokestacks.pdf Reviews ways to clean up trucks and buses. Note that it's a big file and takes a while to download.

- ♦ **Blueprint for Hydrogen Fuel Infrastructure Development -**
<http://www.eren.doe.gov/hydrogen/pdfs/mp27770.pdf> Based on a workshop held in October of 1999, reports the consensus among the workshop participants on the desirable attributes of a hydrogen fuel infrastructure.
- ♦ **Future Wheels: Interviews with 44 Global Experts On the Future of Fuel Cells for Transportation and Fuel Cell Infrastructure and Fuel Cell Primer -**
http://www.navc.org/Future_wheels.pdf. Produced by Northeast Advanced Vehicle Consortium.
- ♦ **Mass Transit: Use of Alternative Fuels in Transit Buses. Report to Congressional Committees -** <http://www.gao.gov/new.items/rc00018.pdf> Produced by GAO.
- ♦ **Impacts of EV Battery Production and Recycling -** Study estimates the impacts of production and recycling of the materials used in electric vehicle batteries.
<http://www.transportation.anl.gov/ttrdc/publications/papers/evbattery.html>.
- ♦ **Full Fuel Cycle Emissions Reductions Through the Replacement of ICEVs with BEVs: Computer Modeling of Full Fuel Cycle Battery Electric Vehicle Emissions vs. Current Internal Combustion Engine Vehicle Emissions in the Lower Fraser Valley -**
<http://www.evac.ca/Downloads/Summary%20Report%20of%20Project%20for%20Health%20Canada%20-%20July-10-2000.pdf> Objective was to calculate the changes in Greenhouse Gas emissions, non-GHG emissions and total energy consumption for the Lower Fraser Valley (LFV) for the year 2005.